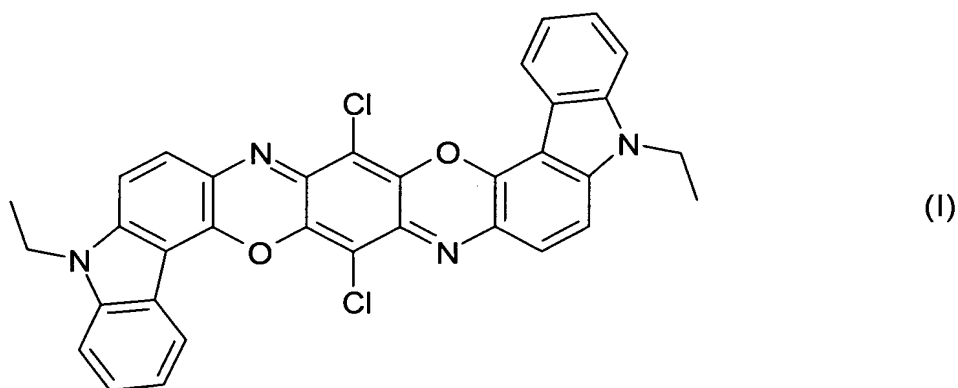


# Amendment to the Claims

1) (Currently Amended) ~~The use of A~~ colorant including a pigment preparation comprising

a) a dioxazine compound of the formula (I) as base pigment



and

b) a dioxazine compound of the formula (II) as pigment dispersant

$Q-[Y-X]_m$  (II)

~~in which~~ wherein

Q is an m-valent radical of the base pigment of the formula (I),

Y is a bridging moiety from the series  $-(CR^1R^2)_x-$  with x being 1 to 6, substituted or unsubstituted phenylene,  $-CO-$ , or  $-NR^3-$ , or a nonrepeating or repeating combination of at least two such bridging members of different type,  $R^1$ ,  $R^2$ , and  $R^3$  independently of one another being hydrogen or  $C_1$ - $C_4$ -alkyl,

X is the radical of an aliphatic or aromatic, five-, six- or seven-membered heterocyclic system ~~which is attached to the bridging member Y via a C atom and~~ has in each case 1 to 3 identical or different ring heteroatoms selected from the series-group consisting of nitrogen, oxygen ~~or~~ and sulfur and, optionally, if desired

also has a benzo-fused ring ~~and may be~~ optionally substituted by C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>1</sub>-C<sub>3</sub>-hydroxyalkyl or phenyl;

or is a phthalimido radical ~~which is attached to the bridging member Y via the imide nitrogen and which may be~~ and is optionally substituted up to a maximum of four times on the benzoid ring by chloro, bromo, nitro, carboxyl, N-(C<sub>1</sub>-C<sub>5</sub>-alkyl)carbamoyl, N-phenylcarbamoyl or benzoylamino;

or is a radical -NR<sup>4</sup>R<sup>5</sup>, in which R<sup>4</sup> and R<sup>5</sup> independently of one another are each hydrogen, substituted or unsubstituted C<sub>1</sub>-C<sub>20</sub>-alkyl or C<sub>2</sub>-C<sub>20</sub>-alkenyl, C<sub>5</sub>-C<sub>6</sub>-cycloalkyl, substituted or unsubstituted phenyl, benzyl or naphthyl;

or in which the group -NR<sup>4</sup>R<sup>5</sup> forms an aliphatic or aromatic, five-, six- or seven-membered heterocyclic system having in each case 1 to 3 identical or different ring heteroatoms selected from the series- group consisting of nitrogen, oxygen or and sulfur, which if desired and, optionally, also has a benzo-fused ring ~~and may be~~ optionally substituted by hydroxyl, oxo, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl, C<sub>1</sub>-C<sub>3</sub>-hydroxyalkyl or phenyl, and

m indicates a numerical value between 1 and 4;

~~as a colorant in color filters, ink-jet inks, electrophotographic toners and developers, and electronic inks.~~

2) (Currently Amended) The ~~use~~ colorant as claimed in claim 1, wherein Y ~~has the definition is~~ -(CH<sub>2</sub>)<sub>p</sub>-, -CO-NR<sup>3</sup>-(CH<sub>2</sub>)<sub>p</sub>-, -CH<sub>2</sub>-NR<sup>3</sup>-CO-(CH<sub>2</sub>)<sub>p</sub>- or -CH<sub>2</sub>-NR<sup>3</sup>-CO-CH<sub>2</sub>-NH-(CH<sub>2</sub>)<sub>n</sub>-, in which wherein R<sup>3</sup> is hydrogen or C<sub>1</sub>-C<sub>4</sub>-alkyl, and n and p independently of one another are each ~~numerical values from 1 to 6,~~

X is the radical of a furan, thiophene, pyrrole, pyrazole, thiazole, oxazole, triazole, imidazole, thionaphthene, benzoxazole, benzothiazole, benzimidazole, benzotriazole or indole ~~which is attached to the bridging member Y via a C atom;~~

or is a radical -NR<sup>4</sup>R<sup>5</sup>, in which wherein R<sup>4</sup> and R<sup>5</sup> independently of one another are each hydrogen, unsubstituted or substituted C<sub>1</sub>-C<sub>6</sub>-alkyl or C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>5</sub>-C<sub>6</sub>-cycloalkyl, unsubstituted or substituted phenyl, benzyl or naphthyl;

~~or in which wherein~~ the group -NR<sup>4</sup>R<sup>5</sup> is a pyrrolinyl, pyrrolidinyl, piperidinyl, morpholinyl, homopiperidinyl or imidazolyl which, optionally, ~~if desired~~ also has a

benzo-fused ring and ~~may be~~ is optionally substituted by hydroxyl, oxo, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>3</sub>-hydroxyalkyl or phenyl, and

m is a number from 1 to 3.

3) (Currently Amended) The ~~use~~ colorant ~~v~~ as claimed in claim 1 ~~or 2~~, wherein

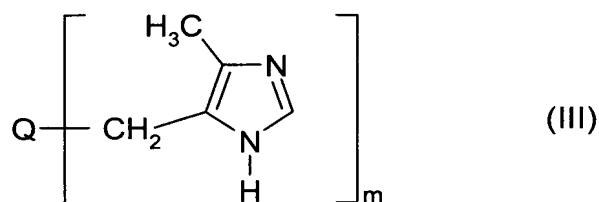
Y is  $-(CH_2)_{1-3}-$ ,  $-CO-NH-(CH_2)_{1-3}-$ ,  $-CH_2-NH-CO-(CH_2)_{1-3}-$  or

$-CH_2-NH-CO-CH_2-NH-(CH_2)_{2-3}-$ ,

X is imidazolyl ~~which is~~ attached to the bridging member Y via the imide nitrogen or the positions 4 or 5, or is a radical  $-NR^4R^5$ , R<sup>4</sup> and R<sup>5</sup> being hydrogen or C<sub>1</sub>-C<sub>4</sub>-alkyl, and

m is a number from 1 to 2.5.

4) (Currently Amended) The ~~use~~ colorant as claimed in ~~at least one of claims 1 to 3~~ claim 1, wherein the pigment dispersant is a compound of the formula (III)



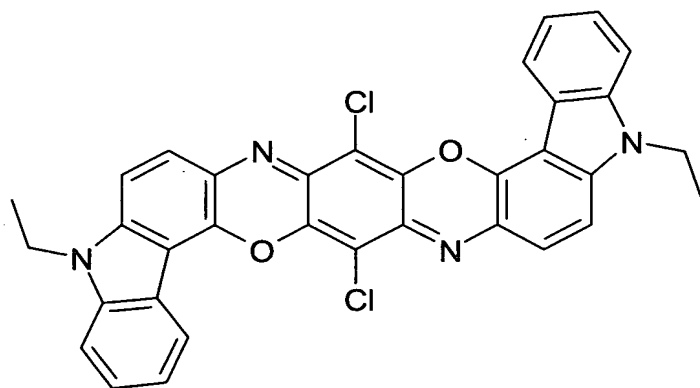
~~in which~~ wherein

m stands for a numerical value from 1 to 4.

5) (Currently Amended) The ~~use~~ colorant as claimed in claim 4, wherein m is a number from 1 to 2.

6) (Currently Amended) The ~~use~~ colorant as claimed in ~~at least one of claims 1 to 5~~ claim 1, wherein the pigment preparation contains 0.5% to 99% by weight of pigment dispersant of the formula (II) ~~or (III)~~, based on the weight of the base pigment of the formula (I).

- 7) (Currently Amended) The ~~use~~ colorant as claimed in claim ~~6~~1, wherein the pigment preparation contains 5% to 30% by weight of pigment dispersant of the formula (II)-~~or~~-(III), based on the weight of the base pigment of the formula (I).
- 8) (Currently Amended) The ~~use~~ colorant as claimed in ~~at least one of claims 4 to 7~~ claim 1, wherein the pigment preparation is shaded with a colorant selected from the group of organic ~~or~~ pigments, inorganic pigments ~~or~~ of and organic dyes.
- 9) (New) A color filter, ink-jet ink, electrophotographic developer, electrophotographic toner or electric ink colored by the colorant according to claim 1.
- 10) (New) A method for coloring a color filter, ink-jet ink, electrophotographic developer, electrophotographic toner or electric ink comprising the step of adding to the color filter, ink-jet ink, electrophotographic developer, electrophotographic toner or electric ink a pigment preparation comprising
- a) a dioxazine compound of the formula (I) as base pigment



(I)

and

- b) a dioxazine compound of the formula (II) as pigment dispersant

$Q-[Y-X]_m$  (II)

wherein

Q is an m-valent radical of the base pigment of the formula (I),  
Y is a bridging moiety from the series  $-(CR^1R^2)_x-$  with x being 1 to 6, substituted or unsubstituted phenylene,  $-CO-$ , or  $-NR^3-$ , or a nonrepeating or repeating combination of at least two such bridging members of different type,  $R^1$ ,  $R^2$ , and  $R^3$  independently of one another being hydrogen or  $C_1-C_4$ -alkyl,  
X is the radical of an aliphatic or aromatic, five-, six- or seven-membered heterocyclic system attached to the bridging member Y via a C atom and has in each case 1 to 3 identical or different ring heteroatoms selected from the group consisting of nitrogen, oxygen and sulfur and, optionally, also has a benzo-fused ring optionally substituted by  $C_1-C_4$ -alkyl,  $C_2-C_4$ -alkenyl,  $C_1-C_3$ -hydroxyalkyl or phenyl;  
or is a phthalimido radical attached to the bridging member Y via the imide nitrogen and is optionally substituted up to a maximum of four times on the benzoid ring by chloro, bromo, nitro, carboxyl,  $N-(C_1-C_5\text{-alkyl})$ carbamoyl,  $N$ -phenylcarbamoyl or benzoylamino;  
or is a radical  $-NR^4R^5$ , in which  $R^4$  and  $R^5$  independently of one another are hydrogen, substituted or unsubstituted  $C_1-C_{20}$ -alkyl or  $C_2-C_{20}$ -alkenyl,  $C_5-C_6$ -cycloalkyl, substituted or unsubstituted phenyl, benzyl or naphthyl;  
or in which the group  $-NR^4R^5$  forms an aliphatic or aromatic, five-, six- or seven-membered heterocyclic system having in 1 to 3 identical or different ring heteroatoms selected from the group consisting of nitrogen, oxygen and sulfur, and, optionally, also has a benzo-fused ring optionally substituted by hydroxyl, oxo,  $C_1-C_4$ -alkyl,  $C_2-C_4$ -alkenyl,  $C_1-C_3$ -hydroxyalkyl or phenyl, and  
m indicates a numerical value between 1 and 4,  
during production of the color filter, ink-jet ink, electrophotographic developer, electrophotographic toner or electric ink.